

Job Risk Analysis																			
Name(s) of Risk Team Members: J. Maraviglia, P. Cirnigliaro, R. Karol, J. Searing				Point Value → Parameter ↓		1			2			3			4			5	
Job Title: Emergency Response Drill; Spill with Injured Worker				Frequency (B)		≤once/year			≤once/month			≤once/week			≤once/shift			>once/shift	
Job Number or Job Identifier: JRA 14-06				Severity (C)		First Aid Only			Medical Treatment			Lost Time			Partial Disability			Death or Permanent Disability	
Job Description: Drill scenario is a 5-gallon container of ULTRA COOLANT (compressor coolant) is leaking onto the floor into a floor drain in building 912A. A worker sees this event and calls BNL Fire/Rescue. The worker then slips in the coolant that is on the floor and is injured.				Likelihood (D)		Extremely Unlikely			Unlikely			Possible			Probable			Multiple	
Training and Procedures List (optional):				Approved by: E. Lessard      Date: 12-20-2005      Rev. #: 0															
Stressors (if applicable, please list all):				Reason for Revision (if applicable):								Comments:							
				Before Additional Controls										After Additional Controls					
Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction			
Manually loading or unloading a truck	Falls on same level	Manual lifting weight limits, proper maintenance of road and work surfaces, PPE, lift gate trucks as required, training	N	1	3	3	3	27											
Manually loading or unloading a truck	Bodily reaction – injuries resulting from bending, climbing, loss of balance and slipping without falling	Manual lifting weight limits, proper maintenance of road and work surfaces, PPE, lift gate trucks as required, training	N	1	3	3	3	27											
Manually loading or unloading a truck	Falls from height	Manual lifting weight limits, proper maintenance of road and work surfaces, PPE, lift gate trucks as required, training	N	1	3	3	3	27											
Emergency forces response (Fire/Rescue, Dept Emergency Coordinator, Collider Accelerator Watch)	Highway accidents	Speed limits, warning sirens or lights, no pressure to rush (except for Fire/Rescue Group), seat belts, training	N	2	2	4	2	24											
Emergency scene response	Falls on same level	Slip resistant shoes, maintenance of road and parking area surfaces, training	N	2	2	3	3	36											
Emergency scene response	Falls from height	Proper approved ladders and fall restraint devices where needed, PPE, training	N	2	2	4	2	32											



*Risk:	0 to 20	21 to 40	41-60	61 to 80	81 or greater
	Negligible	Acceptable	Moderate	Substantial	Intolerable